

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A process for the production of hydrocarbons from gaseous hydrocarbonaceous feed comprising:
 - i) partially oxidating the gaseous hydrocarbonaceous feed with oxygen containing gas at elevated temperature and pressure into synthesis gas;
 - ii) catalytically converting the synthesis gas of step i) using a cobalt on zirconia carrier based Fischer-Tropsch catalyst into a hydrocarbon[[s]] comprising stream;
 - iii) separating the hydrocarbon[[s]] comprising stream of step ii) into a hydrocarbon[[s]] product stream and a recycle stream; and,
 - iv) removing carbon dioxide from the recycle stream and recycling the carbon dioxide depleted recycle stream to step i).
2. (Previously Presented) The process of claim 1, wherein the carbon dioxide depleted recycle stream is premixed with the gaseous hydrocarbonaceous feed.
3. (Previously Presented) The process of claim 1, wherein part of the recycle stream of step iii) is used as fuel in steam reforming of gaseous hydrocarbonaceous feed for producing hydrogen supplement for synthesis gas of step i).
4. (Previously Presented) The process of claim 1, wherein part of the recycle stream of step iii) or step iv) is used as fuel for power generation.
5. (Previously Presented) The process of claim 1, wherein the hydrocarbons product stream is subjected to catalytic hydrocracking.
6. (Previously Presented) The process of claim 1, wherein the hydrocarbon product stream comprises between 17 and 27 wt% C₁₀-C₁₄.
7. (Previously Presented) The process of claim 2, wherein part of the recycle stream of step iii) is used as fuel in steam reforming of gaseous hydrocarbonaceous feed for producing hydrogen supplement for synthesis gas of step i).

8. (Previously Presented) The process of claim 2, wherein part of the recycle stream of step iii) or step iv) is used as fuel for power generation.

9. (Previously Presented) The process of claim 2, the hydrocarbons product stream is subjected to catalytic hydrocracking.

10. (Previously Presented) The process of claim 2, wherein the hydrocarbon product stream comprises between 17 and 27 wt% C₁₀-C₁₄.

11. (Previously Presented) The process of claim 1, wherein the hydrocarbon product stream comprises between 22 wt% and 27 wt% C₁₀-C₁₄.

12. (Previously Presented) The process of claim 3, wherein part of the recycle stream of step iii) or step iv) is used as fuel for power generation.

13. (Previously Presented) The process of claim 3, wherein the hydrocarbons product stream is subjected to catalytic hydrocracking.

14. (Previously Presented) The process of claim 3, wherein the hydrocarbon product stream comprises between 17 and 27 wt% C₁₀-C₁₄.

15. (Previously Presented) The process of claim 4, wherein the hydrocarbons product stream is subjected to catalytic hydrocracking.

16. (Previously Presented) The process of claim 4, wherein the hydrocarbon product stream comprises between 17 and 27 wt% C₁₀-C₁₄.

17. (Previously Presented) The process of claim 5, wherein the hydrocarbon product stream comprises between 17 and 27 wt% C₁₀-C₁₄.